**Using High Performance Computing and Scientific Visualization to Enhance Knowledge of Multi-Media Environmental Problems**

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This poster will highlight several of the multimedia projects that the HPC Center has helped researchers develop models for. One example is the Chesapeake Bay Cross-Media Modeling. The poster will show:

1. Air and water pollution in the CB.
2. Allowing for visualizations of air flow through the respiratory system.
3. How the technology works (i.e. the science and math behind the technology.)